

# भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित  
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No. 29] NEW DELHI, SATURDAY, JULY 20, 1985 (ASADHA 29, 1907)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2

### [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS

Calcutta, the 20th July 1985

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1—157GI/85

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Calcutta-700 020.

APPLICATION FOR PATENT FILED AT THE HEAD  
OFFICE 214, ACHARYA JAGADISH BOSE ROAD,  
CALCUTTA-17

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act.

13th June, 1985

444/Cal/85. Ireco Chemicals. Formulating and delivery system for emulsion blasting agents.

14th June, 1985

445/Cal/85. Metacon Aktiengesellschaft. An equipment for frames to fix fire-proof plates in sliding locks.

446/Cal/85. American Cyanamid Company. Low formaldehyde release reactant.

447/Cal/85. Fukuda Denshi Co. Ltd. Clip-type electrode for electrocardiographs.

448/Cal/85. Fukuda Denshi Co. Ltd. Clip-type electrode for electrocardiographs.

449/Cal/85. Indian Jute Industries' Research Association. Improved device for applying adhesive to twistless yarn E.G. of jute fibre.

17th June, 1985

450/Cal/85 Swapan Kumar Sen. Process for cold degumming of silk fibres.

451/Cal/85. Hydrocarbon Resources Development Co. An improved spit fire burner.

452/Cal/85. Sealed Power Corporation. Solenoid Valve.

453/Cal/85. Kjell Haugdom. A pipe handling equipment for use on an oil drilling platform.

18th June, 1985

454/Cal/85. Movie Kinematographische Gerate Gesellschaft. m.b.H. Position compensation means for a movie camera

APPLICATIONS FOR PATENTS FILED AT THE  
PATENT OFFICE BRANCH, MUNICIPAL MARKET  
BUILDING, 3RD FLOOR, KAROL BAGH, NEW DELHI-5

20th May, 1985

417/Del/85. White Consolidated Industries, INC., "Soot blower". [Divisional date October 29, 1982].

418/Del/85 Santa Barbara Research Center, "Fire sensing and suppression method and system responsive to optical radiation and mechanical wave energy".

21st May, 1985

419/Del/85 J. Narain "A method of reducing the storage time of transistors".

22nd May, 1985

420/Del/85 UOP INC., "Process for the removal of sulfur oxide from a gas".

421/Del/85 Aktiebolaget SKF. "Sealing device".

24th May, 1985

422/Del/85. Sherritt Gordon Mines Ltd., "Process for recovering zinc from material containing zinc sulphide and iron". (Convention date August 5, 1981) (Canada).

423/Del/85. The British Petroleum Co. Ltd., "A hydrocarbon conversion process using as catalyst a composition comprising a crystalline aluminosilicate". (Convention date January 8, 1981) (U.K.).

25th May, 1985

424/Del/85 Kionos, Inc., "Time clock apparatus".

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATES THIRD FLOOR,  
SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-13.

128/BOM/85	S. C. Thadani	13-5-1985	Improvements in or relating to a domestic electric filter for drinking water.
129/BOM/85	S. N. Pathak	15-5-1985	Ceramic Air Filter with dispersable Ceramic Element for combustion engine.
130/BOM/85	A. N. Bavisi	16-5-1985	A bud nipper for cotton buds and the like.
131/BOM/85	V. D. Satardekar		Improvements in or relating to a slide mechanism of power press
132/BOM/85	Sunpra Energy & Recovery Engineering Pvt. Ltd.		Improved portable material elevator.
133/BOM/85	P. K. Kulkarni & V. P. Kulkarni	17-5-1985	Improvements in or relating to bag made from thin plastic sheet for storing and preserving articles in vacuum.
134/BOM/85	Larsen & Toubro Ltd.		A mechanically operated device for dispensing two fluids, preferably petrol and lubricating oil, in predetermined ratios simultaneously together.
135/BOM/85	Oronzio Be Nora Impianti Electrochimici.		A diaphragm type electrolysis cell.
136/BOM/85	Indian Petrochemicals Corporation Ltd.	21-5-1985	Improvements in or relating to the preparation of acrylic emulsions for surface coating.

## ALTERATION OF DATE

156396. Ante dated to 5th February, 1979.  
(1131/Cal/82)

## COMPLETE SPECIFICATION ACCEPTED

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CLASS : 172-B 156395

Int. Cl. : D 01 h 13/14.

## OPEN-END SPINNING MACHINE.

Applicant : SCHUBERT & SALZER MASCHINENFABRIK AKTIENGESELLSCHAFT, OF FRIEDRICH EDERT-STRASSE 84,8070, INGOLSTADT, WEST GERMANY.

Inventors : 1. JOHANN-CHRISTIAN PROMOLI, 2. ROLF GUSE, 3. SOHRAB TABIBI.

Application No. 784/Cal/82 filed July 6, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 21 Claims

Spinning machine, particularly an open-end spinning machine, comprising a plurality of spinning stations, each of which has a plurality of elements which are to be electrically controlled, and a maintenance device which can be moved along the machine and which can be electrically coupled in each case to the elements, which are to be controlled, of the spinning station disposed in its working range, characterised by a respective collecting main for similar elements, which are to be electrically controlled, of a plurality of spinning stations and a respective switching device for each spinning station, which switching device can be actuated as a function of the position of the maintenance device and connects the different elements, which are to be electrically controlled, of a spinning station to the collecting mains which are associated with the said elements and to which the maintenance device is constantly connected.

Compl. specn. 29 pages.

Drg. 3 sheets.

CLASS : 144-E<sub>2</sub>

156396

Int. Cl. : C 03 c 17/00; C 22 c 13/00;  
D 21 h 1/10.

## SPECULAR METALLIC COATED ARTICLE OF MANUFACTURE COMPRISING A SUBSTRATE.

Applicant : EUROGRAPHICS HOLDING N.V., OF HANDELSKADE NO. 8, P.O. BOX 812, WILLENSTAD, CURACAO, NETHERLANDS ANTILLES.

Inventor : ENRIQUE VILLAPRINYO OLIVA.

Application No. 1131/Cal/82 filed September 28, 1982.

Division of Application No. 109/Cal/79 dated 5th February, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 5 Claims

A specular metallic coated article of manufacture comprising a substrate, a coating of varnish by flexography and preferably gravure techniques on at least a portion of said substrate, a metallic film suspended or imbedded in said varnish, said film being on the order of magnitude of less than 1000 Angstroms in thickness.

Compl. specn. 16 pages.

Drg. 1 sheet.

CLASS : 40-H

156397

Int. Cl. : B 01 d 53/12.

## PROCESS FOR REMOVAL OF NITROGEN OXIDES AND SULFUR OXIDES FROM WASTE GASES.

Applicant : A/S NIRO ATOMIZER, OF NO. 305 GLADSAKEVEJ, 2860 SOBORG, DENMARK.

Inventors: 1. JAMES ROBERT DONELLY, 2. KARSTEN STIG FEISVANG, 3. PER MORSING, 4. PRESTON LEONARD VELTMAN.

Application No. 1149/Cal/82 filed October 4, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims

A process for removal of nitrogen oxides and sulfur oxides from waste gases in which the molar ratio of nitrogen oxides to sulfur oxides is 3 or below comprising contacting said waste gases with a particulate material comprising an alkaline earth based absorbent for sulfur oxides, contacting the gas at a temperature of 85-145°C at least for a period of 1/1000 second and the presence of oxygen in not below 0.5% by volume and water vapour in the range of from 2-40% by volume, the steps comprises of :

- preparing an aqueous suspension comprising a basic alkaline earth metal compound such as  $\text{Ca}(\text{OH})_2$  and/or  $\text{Mg}(\text{OH})_2$ ;
- atomizing said suspension into the hot waste gas in a drying chamber for simultaneous drying of the resulting atomized droplets and absorption of a portion of the sulfur oxides in the waste gas, the amount of basic compound atomized being restricted to secure the molar ratio of nitrogen oxides to sulfur oxides in the gas does not exceed 3;
- adding any  $\text{O}_2$ -containing gas necessary to provide an  $\text{O}_2$ -concentration in the waste gas of 0.5% by volume or above;
- introducing the gas together with entrained particles formed by the drying and absorption in step (b) into a particle separation device wherein the said gas and said particles remain at 85-145°C for at least 1/1000 second;

- (e) withdrawing the particles separated in said particle separation device; and
- (f) withdrawing and discharging the gas from said particle separation device with a substantially decreased content of nitrogen oxides and sulfur oxides.

Compl. specn. 20 pages.

Drg. 4 sheets.

CLASS : 172-C<sub>4</sub>

156398

Int. Cl. : D 01 h 13/04.

**A SLIVER-GUIDING DEFLECTOR DEVICE FOR RECEIVING A WEB OF TEXTILE FIBRES AT DELIVERY END OF A DRAWING MACHINE.**

Applicant : SOCIÉTÉ ALSACIENNE DE CONSTRUCTIONS DE MATÉRIEL TEXTILE, OF 1 RUE DE LA FONDERIE, 68054 MULHOUSE CEDEX, FRANCE.

Inventor : ROGER GAUVAIN.

Application No. 250/Cal/83 filed March 1, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 7 Claims

A sliver-guiding deflector device for receiving a web of textile fibres at the exit of a drawing machine and for introducing the said web in the form of a sliver into a guide duct for conveying the sliver to the take up rollers of a can coiler, characterized in that the said device is constituted by a flat plate in which is formed a shallow basin of elongated shape for receiving the web, the length  $L$  of the said basin being within the range of three to four times its means width  $I$ , the maximum depth  $P$  of the said basin being approximately one-half its mean width  $I$ , an orifice for delivery of the sliver being formed in the bottom of the said basin opposite to the inlet orifice of the said guide duct.

Compl. specn. 10 pages.

Drg. 3 sheets.

CLASS : 32-F<sub>3</sub> a

156399

Int. Cl. C 07 d 1/14

**A CONTINUOUS PROCESS FOR THE PRODUCTION OF ETHYLENE OXIDE.**

Applicant : UNION CARBIDE CORPORATION, LOCATED AT OLD RIDGEBURY ROAD, DANBURY, STATE OF CONNECTICUT, 06817, UNITED STATES OF AMERICA.

Inventors : 1. MADAN MOHAN BHASIN, 2. PAUL CLIFFORD ELLGEN, 3. CHARLES DEAN HENDREX.

Application No. 731/Cal/83 filed June 9, 1983.

Division of Application No. 308/Cal/80 dated 18th March, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 10 Claims

A continuous process for the production of Ethylene oxide in a commercial operation from ethylene and molecular oxygen-containing gas in the vapour phase in a reactor at a temperature of from 200 degrees C to 300 degrees C in the presence of a supported silver catalyst and in the presence of an inhibitor such as ethylene dichloride, characterized in that the supported silver catalyst contains a macroporous support having a surface area of less than 10 m<sup>2</sup>/g and a size from 1.5 to 12.5 mm, 2 to 20 weight percent silver and a combination of (A) cesium and (B)

at least one other alkali metal selected from the group consisting of lithium, sodium, potassium and rubidium, which combination comprises (A) and (B) in amounts in relation to the amount of silver therein sufficient to increase the efficiency of ethylene oxide manufacture to a value greater than the efficiencies obtainable under common conditions of the commercial operation from respective catalysts which are the same as said catalyst except that instead of containing both (A) and (B), one contains the respective amount of (A), and the other contains the respective amount of (B).

Compl. specn. 74 pages.

Drg. 2 sheets.

CLASS : 32-A<sub>1</sub>

156400

Int. Cl. C 09 b 29/00.

**PROCESS FOR THE PREPARATION OF WATER SOLUBLE AZO DYESTUFFS COMPOUNDS.**

Applicant : HOECHST AKTIENGESellschaft OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. FRITZ MEININGER, 2. JOACHIM OTTEN.

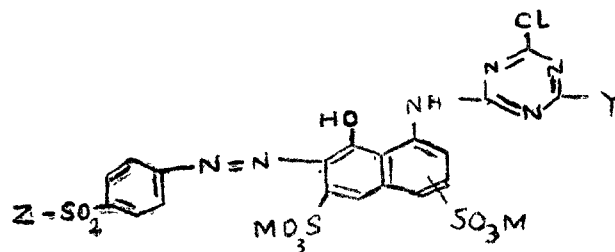
Application No. 942/Cal/83 filed July 29, 1983.

Division of Application No. 1335/Cal/80 dated 1st December, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 8 Claims

A process for the preparation of a compound of the general formula (1) of the accompanying drawings



in which

M is a hydrogen atom or the equivalent of a metal, preferably of an alkali metal or of an alkaline earth metal, such as sodium or potassium or of calcium.

Y is a group of the formula



in which

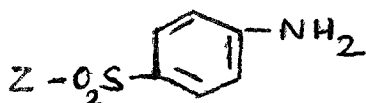
R is a hydrogen atom or an alkyl group of 1 to 4 carbon atoms and

S is an alkyl group of 1 to 6 carbon atoms, which is substituted by a carboxy group or by a sulfo group, or is the phenyl radical which is substituted by 1 to 2 sulfo groups and/or carboxy groups,

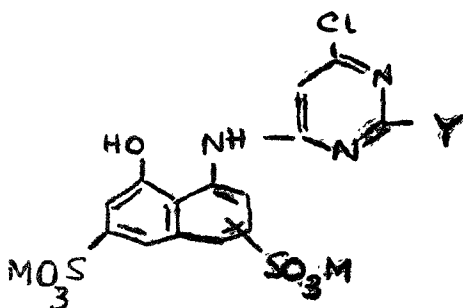
Z is the vinyl, the  $\beta$  thiosulfatoethyl or  $\beta$ -sulfatoethyl group, and

the second sulfo group of the formula  $-SO_3M$  in the naphthalene radical is bonded in the m-position or p-position relative to the acylated amino group, which comprises coupling

the diazonium compound of an amino compound of the general formula (2)



in which Z is defined as above, with a compound of the general formula (3)



in which M and Y are defined as above and the second sulfo group- $\text{SO}_3\text{M}$  is bonded in the m-position or p-position relative to the acylated amino group.

Compl. specn. 25 pages

Drg. 4 sheets.

CLASS : 42-C

156401

Int. Cl. : A 24 f 13/06

CIGARETTE FILTER.

Applicant : BROWN & WILLIAMSON TOBACCO CORPORATION, 1600 WEST HILL STREET, LOUISVILLE, KENTUCKY, U. S. A.

Inventor : ROBERT REINER JOHNSON.

Application. No. 208/Cal/82 filed February, 23, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A cigarette filter which comprises a porous plug affixed to the end of a cigarette for drawing smoke from the cigarette through the plug, and a plurality of at least three ventilating air ducts positioned and distributed circumambiently around said plug, each of said ducts having an air egress opening at the mouth end of the filter and having an air ingress opening exteriorly of the filter cigarette located remote from said end along the filter, said duct being otherwise closed to prevent the ingress of smoke thereto, said filter being constructed according to the relation :

$$K = \frac{U A_f}{100n} - A_v$$

wherein K is a number greater than 0.035,  $A_v$  is the average cross-sectional area of the individual ducts,  $A_f$  is the total cross-sectional area of the filter, n is the number of ducts, and U is the percent ventilation air for the total flow rate through the filter which is between about 60 and about 95 and is defined by the equation :

$$U = \frac{100q_v}{q_v + q_p}$$

wherein  $q_v$  is the total flow rate through the ducts and  $q_p$  is the flow rate through the plug, and

$$A_v/A_f < 0.01$$

under which condition a substantial dispersion of the smoke drawn through the filter is obtained within about a one centimetre distance from the mouth end of the filter when drawn at the rate of 17.5 cc/sec.

Compl. specn. 14 pages

Drg. 1 sheet.

CLASS : 172-C<sub>1</sub>

156402

Int. Cl. : D 01 g 15/28.

A CARDING MACHINE HAVING A FIXED CARDING ELEMENT.

Applicant : TRUTZSCHLER GMBH & CO. KG., OF DUVENSTR. 82-92, D-4050 MONCHENGLADBACH 3, WEST GERMANY.

Inventor : WOLFGANG BENEKE.

Application No. 493/Cal/82 filed May 1, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A carding machine having a fixed carding element in which the clothing points of the said carding element are

arranged opposite the clothing points of a roller, for instance, a card, at a distance, and with which a supporting body for the clothing is provided, characterized by that on the supporting body (10) with its one surface (11a) a plastic element (11) is fitted, the opposite surface (11e) of which is adapted to the radius of curvature of the roller (2, 3) and with which the clothing (12, 7a, 8a, 9a) is fixed on the opposite surface of the supporting body 10.

Compl. specn. 9 pages.

Drg. 2 sheets.

CLASS : 32, A<sub>2</sub> & D

156403

227

Int. Cl. : C 09 b 45/00; C 07 d 103/00.

PROCESS FOR THE PREPARATION WATER-SOLUBLE METAL FREE OR HEAVY-METAL COMPLEX COMPOUND.

Applicant : HOECHST AKTIENGESellschaft OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

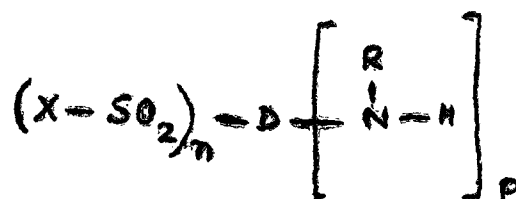
Inventors : 1. FRITZ MEINNINGER, 2. URSULA OTTEN.

Application No. 527/Cal/81 filed May 16, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims

A process for the manufacture of a water-soluble metal-free or heavy-metal-complex compound containing a sulfo group, corresponding to the general formula (1) of the accompanying drawings



wherein :

D denotes the radical of an organic dye molecule,

X is a vinyl  $\beta$ -thio-sulfatoethyl,  $\beta$ -sulfatoethyl or B-chloro-ethyl group,

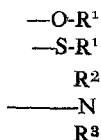
R is a hydrogen atom or an alkyl group having 1 to 4 C-atoms,

n is the number 1 or 2,

p is the number 1 or 2,

Y is a radical of the formula  
or of the formula

or of the formula



in which

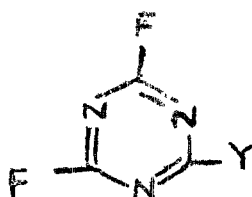
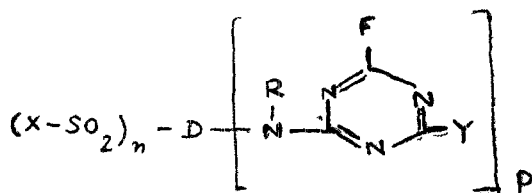
R<sup>1</sup> represents an optionally substituted alkyl radical having 1 to 4-atoms, or an aromatic carbocyclic or aromatic heterocyclic radical,

R<sup>2</sup> is a hydrogenatom or an optionally substituted aliphatic radical of 1 to 4 C-atoms or a cycloaliphatic radical and

R<sup>3</sup> denotes a hydrogen atom, an optionally substituted aliphatic radical of 1 to 4 C-atoms, an optionally substituted aromatic carbocyclic radical, an alkoxy group of 1 to 4 C-atoms, a cyano group, a group of the formula -CS-NH<sub>2</sub> or an optionally substituted amino group, or

R<sup>2</sup> and R<sup>3</sup>, conjointly with the nitrogen atom, form a ring which contains alkylene of 1 to 4 C-atoms and optionally a heteroatom,

which comprises reacting a compound of the general formula (2) in which D, R, X, n and p are defined as above, with a difluorotriazinylamino compound of the general formula (3) in which Y is defined as above, with elimination of one mole of hydrogen fluoride.



Compl. specn. 83 pages.

Drg. 16 sheets.

CLASS : 32-D

156404

Int. Cl. : C 07 f 1/00

PROCESS FOR THE PREPARATION OF TRANSITION METAL CONTAINING INTERMETALLIC COMPOUND.

Applicant : NATIONAL DISTILLERS AND CHEMICAL CORPORATION, AT 99 PARK AVENUE CITY AND STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventor : ANTHONY NICHOLAS SPECA.

Application No. 316/Cal/81 filed November 24, 1981.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 10 Claims

A process for the preparation of a transition metal-containing intermetallic compound wherein said transition metal is titanium or zirconium, said process comprises reacting a polymeric transition metal oxide alkoxide with a reducing metal i.e., a metal having a higher oxidation potential than the transition metal, wherein the reaction occurs at a temperature from about 50°C to reflux and, if desired, further reacting the reaction product with a halide activator.

Compl. specn. 82 pages

Drg. Nil.

CLASS : 166-F & G

156405

Int. Cl. : B 63 b 21/00.

COUPLING FOR USE IN ANCHORAGE OF FLOATING BODIES.

Applicant: M.A.N. MASCHINENFABRIK AUGSBURG-NURNBERG AKTIENGESELLSCHAFT, OF BAHNHOFSTRASSE 66, 4200 OBERHAUSEN 11, FEDERAL REPUBLIC OF GERMANY.

Inventor : DR. HELMUT LAUSBERG.

Application No. 345/Cal/82 filed March 26, 1982.

Convention dated 21st January, 1982 (8201661) (U.K.).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 18 Claims

A coupling for coupling an end of a tension-transmitting connecting member to the end of a tension-transmitting number of a floating body and a seabed support, the coupling comprising an at least partly spherical inner joint element enclosing at least 240° of the inner element and comprising two half shells which are provided with flanges receiving locating and sealing means and which are clamped together by clamping means, one of the elements being provided with means detachably connectible to such connecting member and the other with means connectible to such body or such support.

Compl. specn. 16 pages.

Drg. 4 sheets.

CLASS : 107-C & I

156406

Int. Cl. : F 02 m 7/00, 9/00, 41/00.

ACCELERATOR PUMP ACTUATING DEVICE FOR A CARBURETOR.

Applicant : HONDA GIKEN KOGYO KABUSHIKI KAISHA, OF 8-GO, 27-BAN, JINGUMAE 6-CHOME, SHIBUYA-KU, TOKYO, JAPAN.

Inventor : TOMOAKI MAKINO.

Application No. 935/Cal/82 filed August 7, 1982.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 6 Claims

An accelerator pump actuating device for a carburetor having an intake passage, a throttle valve disposed therein and a throttle wire for operation of said throttle valve, comprising :

an accelerator pump associated with a push rod for feeding an accelerating fuel to said intake passage at an amount proportional to the amount of displacement of pivotally mounted on said carburetor and connected with said throttle wire so as to be pivotable to a predetermined angular position by operation of said throttle wire;

a pump actuating lever operatively connected with said push rod and having a cam follower in abutting engagement with said cam surface; and

an adjusting means on said pump actuating lever for arbitrarily adjusting the amount of displacement of said push rod.

Compl. specn. 13 pages

Drg. 4 sheets.

CLASS : 32-E

156407

Int. Cl. : C 08 f 25/00, 43/00.

PROCESS FOR PREPARING BLOCK COPOLYMER BY THE REACTION OF POLYETHERAMIDE AND A RANDOM COPOLYMER OF POLYAMIDE AND POLYETHERAMIDE.

Applicant : SUNTECH INC. OF 1608 WALNUT STREET, PHILADELPHIA, PENNSYLVANIA, 19103, U.S.A.

Inventors : 1. EDWARD MAURICE KOHN, 2. STEPHEN LEE NICKOL, 3. ROBERT MILTON THOMPSON.

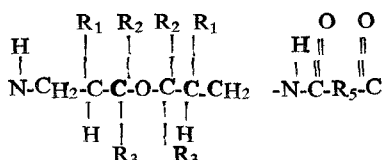
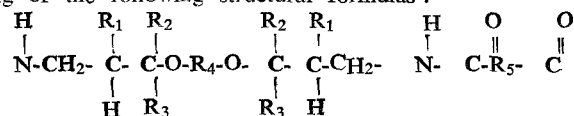
Application No. 950/Cal/80 filed August 20, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims

A process for preparing a block copolymer comprising blocks of polyetheramide and blocks of a random copolymer of polyetheramide precursors and precursors of ether-free polyamide and wherein the block copolymer is free from ether-free polyamide block segments and the block copolymer has the following repeating structural formula :

wherein X is a polyetheramide selected from the group consisting of the following structural formulas :



wherein  $\text{R}_1$ ,  $\text{R}_2$  and  $\text{R}_3$  each are selected from the group consisting of  $\text{H}$ ,  $\text{C}_0\text{C}_3$  alkyls,  $\text{C}_3\text{C}_{10}$  alkynes and  $\text{C}_0\text{C}_3$  alkenes,  $\text{C}_3\text{C}_{10}$  isoalkylenes and  $\text{C}_0\text{C}_3$  aryls and wherein  $\text{Y}$  is a bivalent radical of a random copolymer containing an etheramide distributed randomly throughout a polyamide structure and wherein the amount of the etheramide contained in the polyamide structure is sufficient to form a copolymer having a lower melting point than a corresponding homopolymer of the polyamide and wherein  $w$  and  $z$  each have a value in the range between from 4 to 200 comprising :

- heating a polyetheramide salt to a polymerization temperature to form a polyetheramide as defined before.
- heating a mixture of a polyetheramide salt and an ether-free polyamide salt to a polymerization temperature to form a random copolymer of polyetheramide precursors and ether-free polyamide precursors as defined before; and
- melt blending a mixture of the polyetheramide and the random copolymer of polyetheramide precursor and ether-free polyamide precursor to form a block copolymer of the polyetheramide and the random copolymer.

Compl. specn. 17 pages.

Drg. Nil.

CLASS : 40-H

158408

Int. Cl. : B 01 d 53/14.

PROCESS FOR THE REMOVAL OF  $\text{CO}_2$  AND, IF PRESENT  $\text{H}_2\text{S}$  FROM A GAS MIXTURE.

Applicant : SHILL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V., OF CAREL VAN BYLANDT-LAAN 30, THE HAGUE, THE NETHERLANDS.

Inventor : (1) MALCOLM WILLIAM MCEWAN AND (2) VAN DER PAS-TOORNSTRA.

Application No. 660/Cal/82 filed June 14, 1982.

Convention dated 15th June 1981 (8118288) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1982) Patent Office, Calcutta.

#### 13 Claims

A process for removal of  $\text{CO}_2$  and, if present,  $\text{H}_2\text{S}$  from a gas mixture, characterized in that :

- the gas mixture, is contacted at a pressure of at least 5 bar countercurrently with a solvent which comprises aliphatic tertiary amine containing at least one hydroxy-alkyl group per molecule and a physical absorbent as herein described;
- the loaded solvent obtained is flashed at least once by pressure release to a pressure which is above the total partial pressure of the  $\text{CO}_2$  and  $\text{H}_2\text{S}$ , if any, present in the loaded solvent at the prevailing temperature;
- the loaded solvent obtained in step (b) is flashed at least one by pressure release to a pressure which is below the total partial pressure of the  $\text{CO}_2$  and  $\text{H}_2\text{S}$  present in the loaded solvent at the prevailing temperature.

and semi-leaky solvent as hereindescribed obtained in step (c) is, optionally after all or part thereof has been totally regenerated, used as solvent in step (a).

Compl. specn. 23 pages

Drg. Nil

#### OPPOSITION PROCEEDINGS

An opposition has been entered by Kishore Mahadeo Pole, M/s. Walchandnagar Industries Limited Walchandnagar to the grant of a patent on application No. 155043 made by Shri Jagannath P. S. Satara.

152993 153430 153432 153554 153556 153557 153558 153559  
153560 153561 153562 153586 153589 153590 153591 153592  
153593 153673 153675 153678 153679 153680 153681 153682  
153684 153685 153687 153688 153696 153698 145811 150981  
152859 153061 153301 153303 153367 153400 153401  
153402 153406 153409 153410 153411 153415 153418 153419  
153420 153421 153422 153424 153425 153426 153427 153428  
153429 153433 153438 153442 153443 153450 153451 153454  
153455 153456 153458 153459 153464 153469 153470 153471  
153477 153480 153494 153498 153500 153506 153515 153530  
153532 153537 153538 153541 153552 153553 153570 153576  
153577 153581 153583.

#### AMENDMENT PROCEEDING UNDER SECTION 57

The amendment proposed by HYKSA, S.A. in respect of Patent Application No. 152563 as advertised in Part III, Section 2 of the Gazette of India dated the 15th December, 1984 has been allowed.

**STATEMENT REGARDING ASSIGNMENT OF PATENTS REGISTERED UNDER SECTION 68 & 69 FOR THE  
PERIOD FEBRUARY 1985 TO JUNE 1985  
(FROM INDIAN TO INDIAN)**

Patent Nos.	Patentee	Assigned to	Date of Assignment	Entry Made on	Entry made under section
142590	Council of Scientific & Industrial Research N. Delhi	National Research Develop. Corporation of India, New Delhi.	10-8-84	26-3-85	68
142348	Do.	Do.	10-8-84	26-3-85	68
143286	Do.	Do.	10-8-84	26-3-85	68
143619	Do.	Do.	20-3-84	26-3-85	68
145580	Do.	Do.	3-1-84	26-3-85	68
150484	Do.	Do.	5-10-84	26-3-85	68
150565	Do.	Do.	18-6-84	27-3-85	68
148080	Do.	Do.	5-10-84	27-3-85	68
142955	Do.	Do.	18-7-84	27-3-85	68
143061	Do.	Do.	20-3-85	27-3-85	68
140284	Do.	Do.	10-8-84	27-3-85	68
149251	Do.	Do.	20-3-84	2-7-3-85	68
146946	Do.	Do.	10-8-84	27-3-85	68
151691	Do.	Do.	11-2-85	5-6-85	68
140791	Do.	Do.	3-12-84	7-6-85	68
138310	Do.	Do.	10-1-85	7-6-85	68
145681	Do.	Do.	11-2-85	10-6-85	68
145304	Do.	Do.	11-2-85	10-6-85	68
145046	Do.	Do.	28-1-85	10-6-85	68
144000	Do.	Do.	3-12-84	10-6-85	68
146925	Do.	Do.	11-2-85	12-6-85	68
146164	Do.	Do.	3-12-84	12-6-85	68
142923	Do.	Do.	13-12-84	7-6-85	68
150173	Director of All India Institute of Med. Sciences New Delhi.	Do.	21-9-84	27-3-85	68
147675	Erodhula Krishnaveli of Moses House, Maharanipeth, Visakhapatnam (A.P.).	Erodhula Satyanaryana of 13-2-13, Moses House, Maharanipet, Visak (A.P.).	23-1-84	26-3-85	68
146851	Jagdish Prasad Mathur, Flat No. 12-5-7 Eliot Rd., Calcutta-16.	Prakash Security Devices Stalley Rd., Allahabad.	4-12-83	29-3-85	68 & 69

**STATEMENT REGARDING LICENCE AGREEMENTS OF PATENTS REGISTERED UNDER SECTION 68 & 69  
FOR THE PERIOD FEBRUARY 1985 TO JUNE 1985  
(FROM INDIAN TO INDIAN)**

Patent No.	Patentee	Licence granted to	Licence granted on	Entry made on	Entry made u/s
150584	Jimmsorab Canteenwala Bombay.	Sunbird Seals & Plastics Pvt. Ltd. Bombay.	21-8-84	23-4-85	68

**STATEMENT REGARDING COLLABORATION AGREEMENTS OF PATENTS REGISTERED UNDER SECTION 68 & 69  
FOR THE PERIOD FEBRUARY 1985 TO JUNE 1985  
(BETWEEN FOREIGNERS TO INDIAN).**

Patents Nos.	Patentee	Collaboration with	Date of collaboration	Entry made on	Entry made u/s.
92525 98697 100294 101001 101760	Spindelfabrik Successen Schur Stahlacker & Grill GmbH West Germany.	Successen-Textile Bearings Ltd., having their registered office at Bombay, Ahmedabad National Highway No. 8 Post ONGC, Baroda 9, India.	11-5-71	28-3-85	68

**STATEMENT REGARDING LICENCE AGREEMENT OF PATENTS REGISTERED UNDER SECTION 68 & 69  
FOR THE PERIOD FEBRUARY 1985 TO JUNE 1985.  
(FROM FOREIGNERS TO INDIAN)**

Patent Nos.	Patentee	Licence Granted To.	Licence Granted On	Entry Made On	Entry Made u/s.
111645, 122334, 131398 136043, 136044, 135862 125872, 125871, 125209 137090, 137998, 135089 140945, & 149158.	Sandvik Aktiebolag Sand- viken, Sweden.	Sandvik Asia Ltd., an Indian Company, Maha- rashtra, India.	2-5-1983	2-4-1985	68 & 69
104041, 109154, 110650, 110990, 112524, 112371, 119874, 120329, 120297, 120613, 137753, 142355, 143450, 143884, & 109724.	Palitex Project Company GMBH, Federal Republic of Germany.	Sau V. K. Mann Ltd., an Indian Co., Calcutta, Banga- lore.	18-5-1981	15-6-1985	68 & 69

**RENEWAL FEES PAID**

127243 136166 139924 141180 142940 144409 144646 145501  
146624 146956 147296 149932 149988 151441 151674 151675  
152034 152533 152572 153314 153323.

**CESATION OF PATENTS**

120535 120536 120538 120554 120560 120562 120563 120570  
120573 120584 120592 120604 120608 120613 120619 120658  
120660 120661 120685 120698 120701 120711 120717 120718  
120721 120752 120773 120774 120791 120815 120816 120826  
120832 120840 120843 120844 120846 120847 120856 120857  
120860 120862 120863 120914 120920 120921 120924 120926  
120930 120939 120943 120951 120967 120975 120979 120994  
120995 120998 121003 121004 121014 121019 121021 121027  
121032 121037 121038 121055 121056 121061 121104 121110  
121117 121128 121132 121137 121140 121141 121148 121151  
121157 121159 121180 121182 121187 121189 121210 121217  
121227 121246 121253 121259 121260 121267 121269 121272  
121276 121279 121282 121283 121285 121291 121293 121303  
121305 121306 121307 121317 121319 121329 121334 121339  
121350 121355 121366 121372 121375 121381 121392 121395  
121415 121422 121425 121427 121428 121429 121438 121451  
121458 121463 121464 121465 121466 121473 121477 121489  
121492 121508 121518 121558 121587 121597 121600 121613  
121616 121620 121635 121644 121654 121658 121666 121668  
121674 121675 121679 121680 121684 121690 121692 121702  
121713 121742 121746 121755 143165 152318.

**RESTORATION PROCEEDINGS**

**(1)**

Notice is hereby given that an application for restoration of Patent No. 142434 dated the 11th October, 1976 made by K. G. Khosla Compressors Private Limited on the 19th September, 1983 and notified in the Gazette of India, Part III, Section 2 dated the 11th August, 1984 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 144295 dated the 9th August, 1976 made by Council of Scientific & Industrial Research on the 17th July, 1984 and notified in the Gazette of India, Part III, Section 2 dated the 24th Nov., 1984 has been allowed and the said patent restored.

**(3)**

Notice is hereby given that an application for restoration of Patent No. 145333 dated the 9th July, 1976 made by Council of Scientific & Industrial Research on the 10th July, 1984 and notified in the Gazette of India, Part III, Section 2 dated the 15th Dec., 1984 has been allowed and the said patent restored.

**(4)**

Notice is hereby given that an application for restoration of Patent No. 150247 dated the 11th February, 1980 made by Gadgets India on the 7th May, 1984 and notified in the Gazette of India, Part III, Section 2 dated the 29th Sept., 1984 has been allowed and the said patent restored.

**(5)**

Notice is hereby given that an application for restoration of Patent No. 150772 dated the 14th August, 1979 made by The Electric Furnace Company on the 31st August, 1984 and notified in the Gazette of India, Part III, Section 2 dated the 2nd March, 1985 has been allowed and the said patent restored.

**CANCELLATION PROCEEDINGS  
(SECTION 51A)**

**(1)**

An application made by Benlaks (India) House for cancellation of the Registration of Design No(s). 153074 in the class 1 in the name of M/s. Friend Industries has been filed.

**(2)**

An application made by Karnataka Consumer Products Limited for cancellation of the Registration of Design No(s). 153515 & 153649 in the Class 1 in the name of Santha Industries has been filed.

**REGISTRATION OF DESIGNS**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 155331. Fikron Stainless Products, Mungekar Industrial Estate, Goregaon (East), Bombay-400 063, Maharashtra, an Indian Sole Proprietary Firm. "Spoon". 28th January, 1985.

- Class 1. No. 155163. Shriram Needle Bearing Industries Limited, of 3A, Shakespeare Sarani, Calcutta-700 071, West Bengal, India, an Indian Company. "Bearings". 11th December, 1984.
- Class 1. No. 155280. Jayant Ramkrishna Churi. Thakur Building, 2nd Floor, Kashinath Dhuru Road. Opp. Kirti College. Dadar, Bombay 400 028, Maharashtra State India, A Subject of the Republic of India. Idli Making plate". 10th January, 1985
- Class 1. No. 155648. Bhagwati Steel Industries (a registered partnership firm) at Karansinhji Road, Below Dr. Upadhyay's Clinic Rajkot-360 001 (Gujarat), India. "Fuel Indicator of Wick Stove". 10th May, 1985.
- Class 1. No. 155645. Bhagwati Steel Industries (a registered partnership firm) at Karansinhji Road, Below Dr. Upadhyay's Clinic Rajkot-360 001 (Gujarat), India. "Wick Stove". 10th May, 1985.
- Class 1. No. 155650. Bhagwati Steel Industries (a registered partnership firm) at Karansinhji Road, Below Dr. Upadhyay's Clinic Rajkot-360 001 (Gujarat), India. "Top Cover Ring of Wick Stove". 10th May, 1985.
- Class 1. No. 155652. Bhagwati Steel Industries (a registered partnership firm) at Karansinhji Road, Below Dr. Upadhyay's Clinic Rajkot-360 001 (Gujarat), India. "Wick Stove Drum". 10th May, 1985.
- Class 1. No. 155310. Laxmi Electric Trading Co., and also Veejays' Trading Corporation, Reheja Chambers, 1st Floor, 213, Nariman Point, Bombay-400 021 State of Maharashtra India. "A Flour Mill For Kitchen". 16th January, 1985.
- Class 1. No. 155332. Bikroli Stainless Products, Mungekar Industrial Estate, Goregaon (East), Bombay-400 063, Maharashtra, an Indian Sole Proprietary Firm. "Spoon". 28th January, 1985.
- Class 3. No. 155353. Kew Fusegear Private Limited, a company incorporated under the Indian Companies Act, 1956, of 10, Friends Society, 5th Road, Juhu Scheme, Vile Parle, Bombay-400 055, in State of Maharashtra, India. "Electric Switch". 1st February, 1985.
- Class 3. No. 155354. Kew Fusegear Private Limited, a company incorporated under the Indian Companies Act, 1956, of 10, Friends Society, 5th Road, Juhu Scheme, Vile Parle, Bombay-400 055, in State of Maharashtra, India. "Electric Switch". 1st February, 1985.
- Class 3. No. 155309. Laxmi Electric Trading Co., and also Veejays' Trading Corporation, Reheja Chambers, 1st Floor, 213, Nariman Point, Bombay-400 021 State of Maharashtra, India. "A Flour Mill For Kitchen". 16th January, 1985.
- Class 3. No. 155747. Niravan Industries, Thakur Nivas, Dr. Charat Singh Colony, Andheri-Kurla Road, City of Bombay 400 069, State of Maharashtra, India, an Indian partnership Firm. "Containers". 31st May, 1985.
- Class 3. No. 155172. Modern Balance Works, a partnership firm of D. 54/19 Aurangabad, Varanasi-221 001, U.P., India. "Air Purifier". 14th December, 1984.
- Class 3. No. 155351. Hamant Kenia, an Indian National, 416 Shanti Sadan, Bhaudavi Road, Matunga, City of Bombay-400 019, State of Maharashtra, India. "Container". 31st January, 1985.
- Class 3. No. 155445. Alkon Plastics Private Limited, a company incorporated under the Indian Companies Act, 1956, of 29-AB, Government Industrial Estate, Kandivli, Bombay-400 067, State of Maharashtra, India. "File Suspender With File". 27th February, 1985.
- Class 8. No. 155273. Cosmique Trading Co., a partnership firm, 191, Main Faiz Road, New Delhi. "Woollen Durries". 8th January, 1985.
- Class 8. No. 155274. Cosmique Trading Co., a partnership firm, 191, Main Faiz Road, New Delhi. "Woollen Durries". 8th January, 1985.
- Class 8. No. 155275. Cosmique Trading Co., a partnership firm, 191, Main Faiz Road, New Delhi. "Woollen Durries". 8th January, 1985.
- Class 10. No. 155538. Satish Chandra Lakhotia, c/o Acupressure Therapy Health Centre, 74 Park Street, Calcutta 700 017, an Indian Nationality. "Acupressure Pandal". 30th March, 1985.
- Class 12. No. 155315. Jakme Limited, an Indian Company, of Bombay House, Homi Mody Street, Bombay-400 023, Maharashtra State, India. "a Toilet/Bathing Soap Cake". 21st January, 1985.
- Class 12. No. 155592. Britannia Industries Limited., an Indian Company of 5/1A, Hungerford Street, Calcutta-700 017, West Bengal, India. "Biscuit". 22nd April, 1985.
- Class 12. No. 155593. Britannia Industries Limited., an Indian Company of 5/1A, Hungerford Street, Calcutta-700 017, West Bengal, India. "Biscuit". 22nd April, 1985.
- Extn. of copyright for the Second period of five years;*
- No. 149174. . . . . Class 1.
- Nos. 150236, 149609, 149621, 149354. . . . Class 3.
- Extn. of copyright for the Third period of five years.*
- Nos. 142143, 142144, 142145, 142146, 142023. . . . Class 3.

R. A. ACHARYA

Controller General of Patents, Designs  
and Trade Marks.